

one side with at least one vacuum window and on the other side with a prism and / or lens system and which exhibits means to attach to the device.

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20. (Amended) A vacuum adapter, as claimed in claim 19, wherein a polarizer is attached on the beam tube interior or beam tube exterior of the prism system.

21. (Amended) A vacuum adapter, as claimed in claim 19, wherein additional deflecting prisms are arranged in the beam tube.

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#### IN THE ABSTRACT:

Please replace the original Abstract with the following Abstract:

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#### ABSTRACT

To carry out measurements in the vacuum, for example for quality control in the production of semiconductors, conventional stand alone measuring machines are installed. They are very cost, space and time intensive. To enable a process oriented measurement under optimal conditions, a device with a two part case is proposed that can be moved in a vacuum chamber, whereby one part of the case projects into the vacuum chamber and the other part of the case is located outside the vacuum chamber. The case can receive a measurement system. In addition, an adjusting device, engaging with the case, and a counterpull device, engaging with the second part of the case, are provided.

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